

ser. 09/24,590

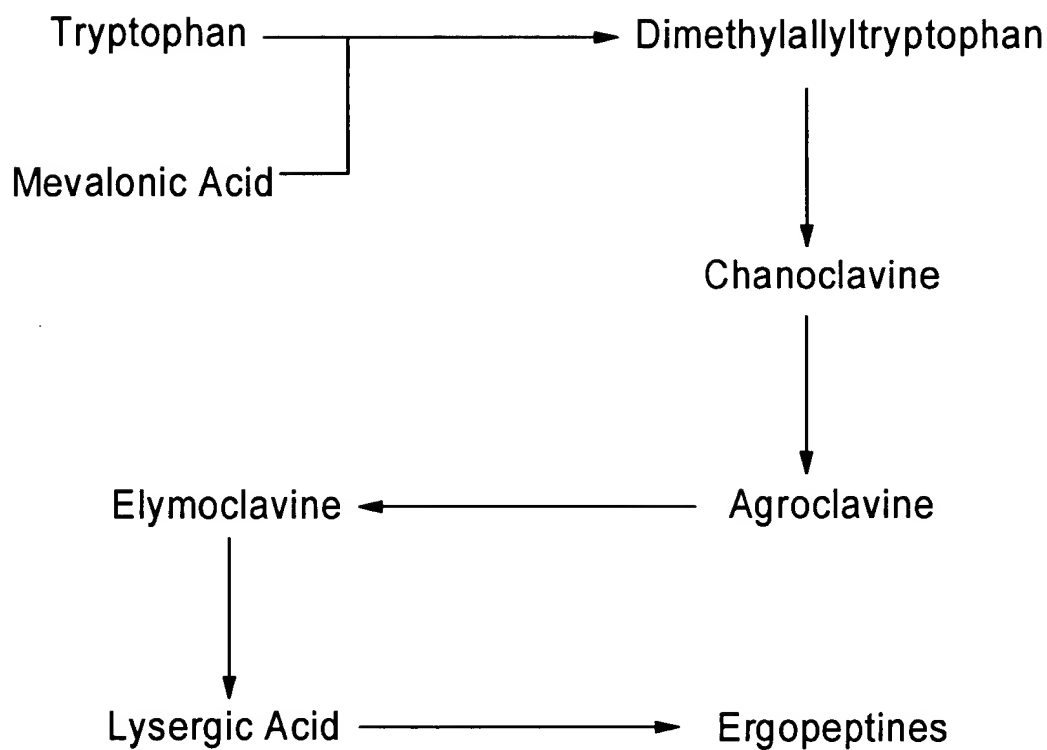


FIG. 1

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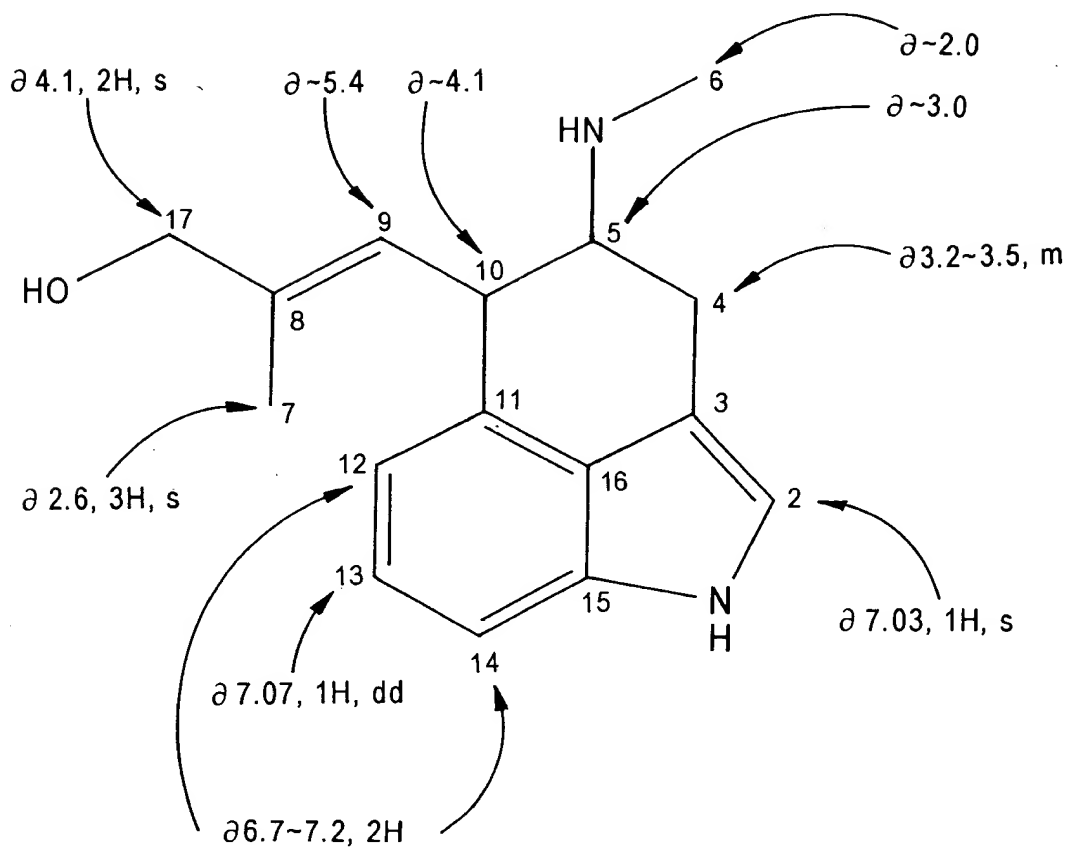


FIG. 2

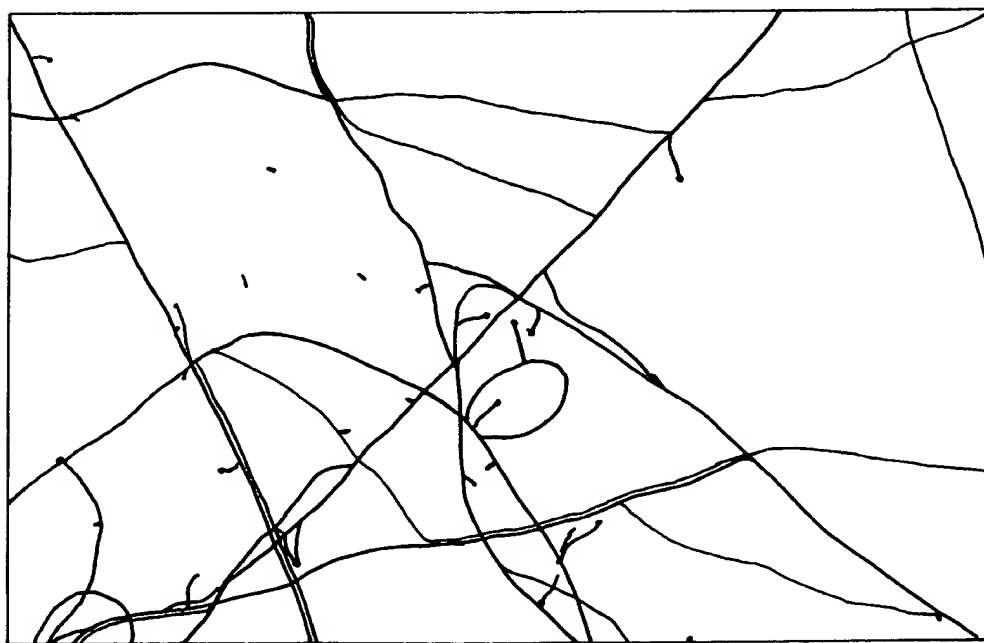


FIG. 3

ser. 09/824,590

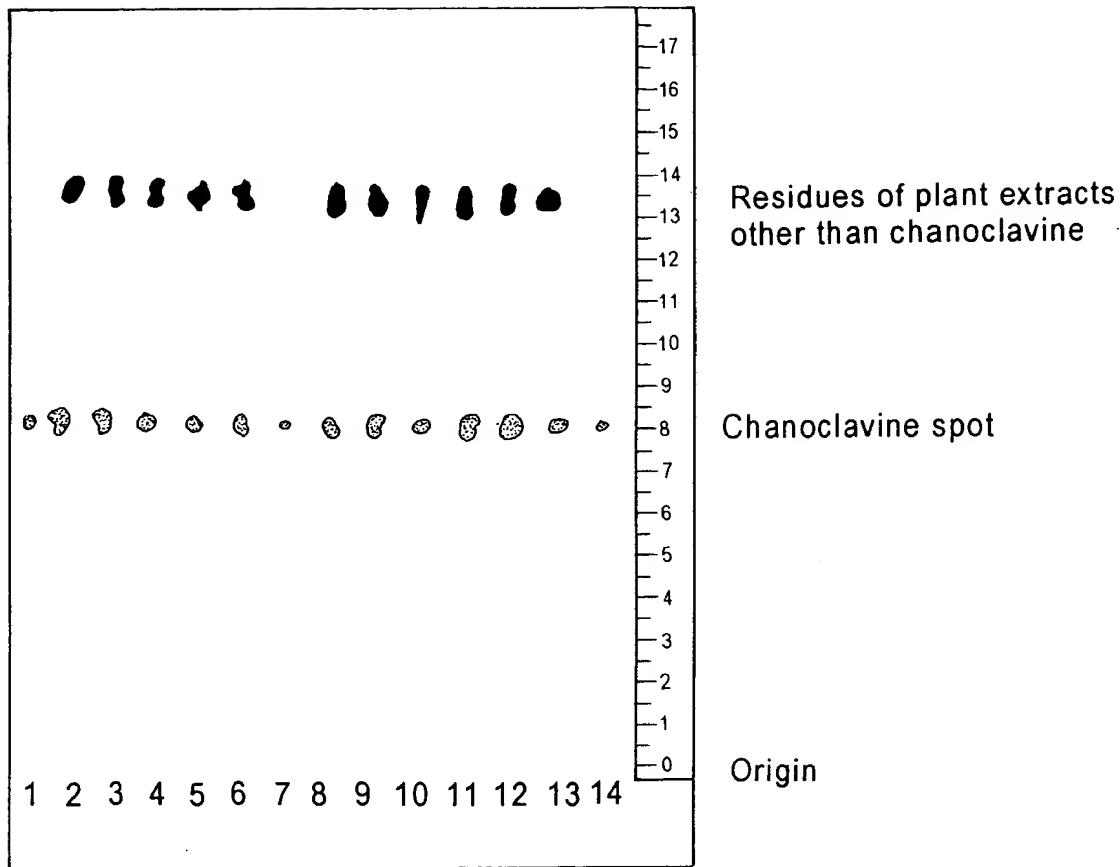
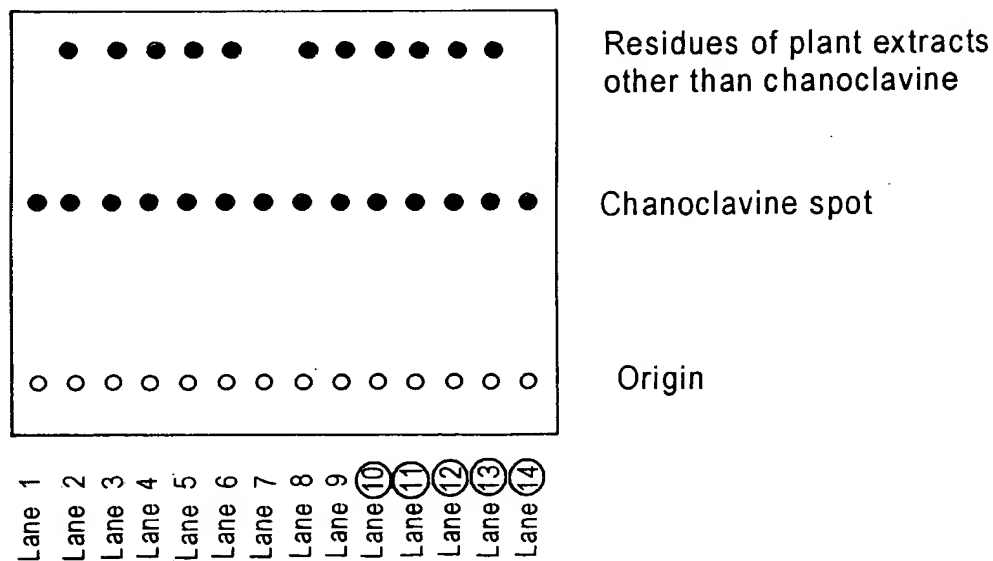


FIG. 4A



Lanes 1, 7, 14: Chanoclavine sample

Lanes 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13: Extracts of plants infected with the endophytes deposited at the Japanese national Institute of Bioscience and Human Technology

FIG. 4B

ser. 09/824,590

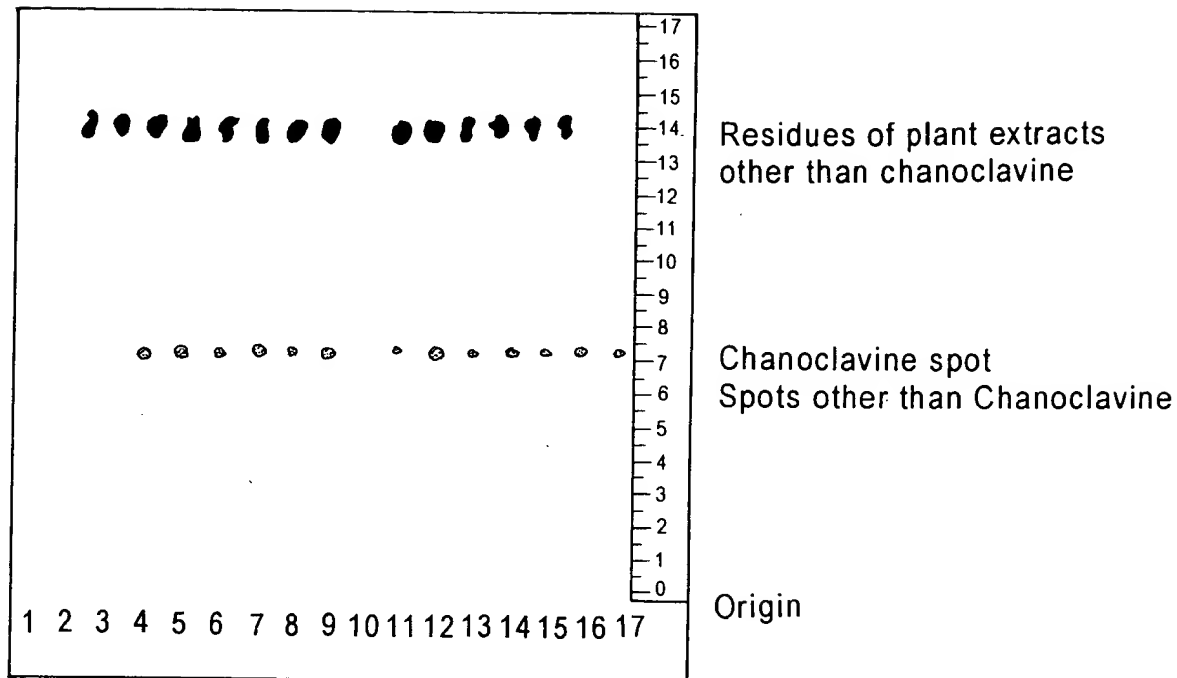
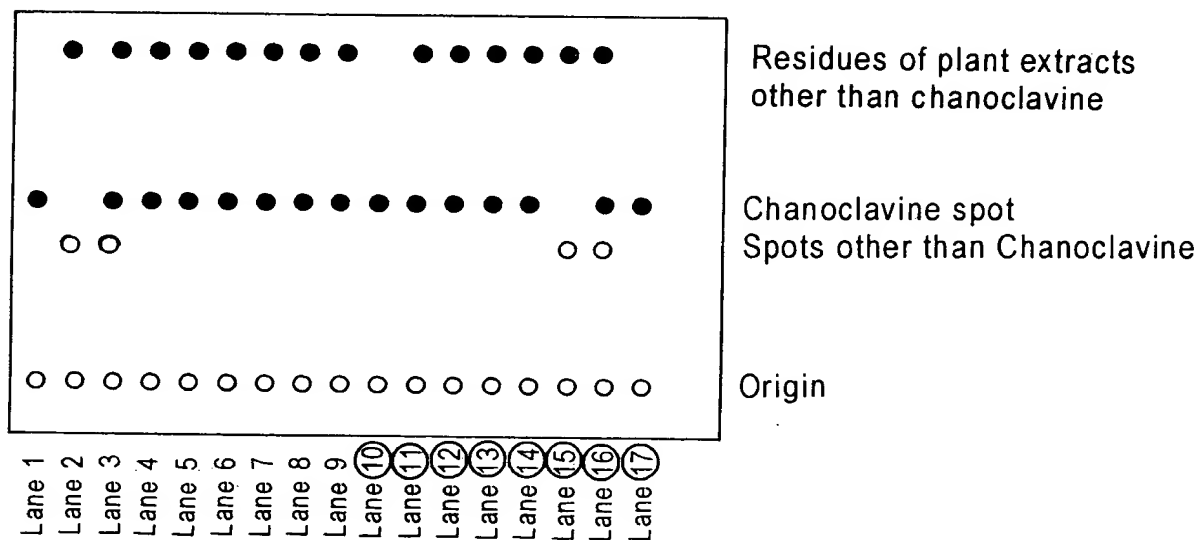


FIG. 5A



Lanes 1, 10, 17: Chanoclavine sample

Lanes 2, 15: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology

Lanes 3, 16: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed Samples

Lanes 4, 6, 8, 11, 13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology

Lanes 5, 7, 9, 12, 14: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples

FIG. 5B



ser. 09/824,590

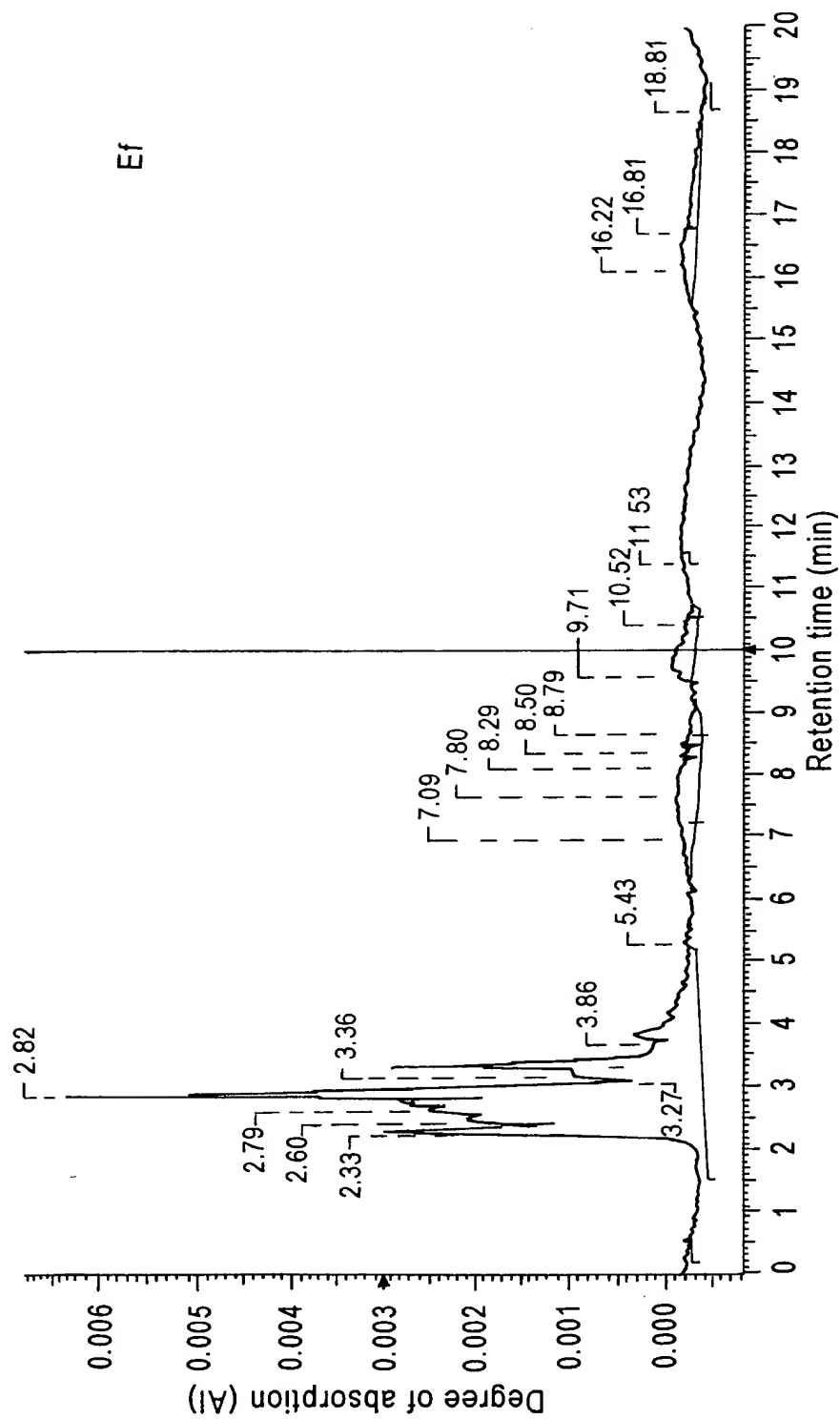


FIG. 6

Sen. 09/824,090

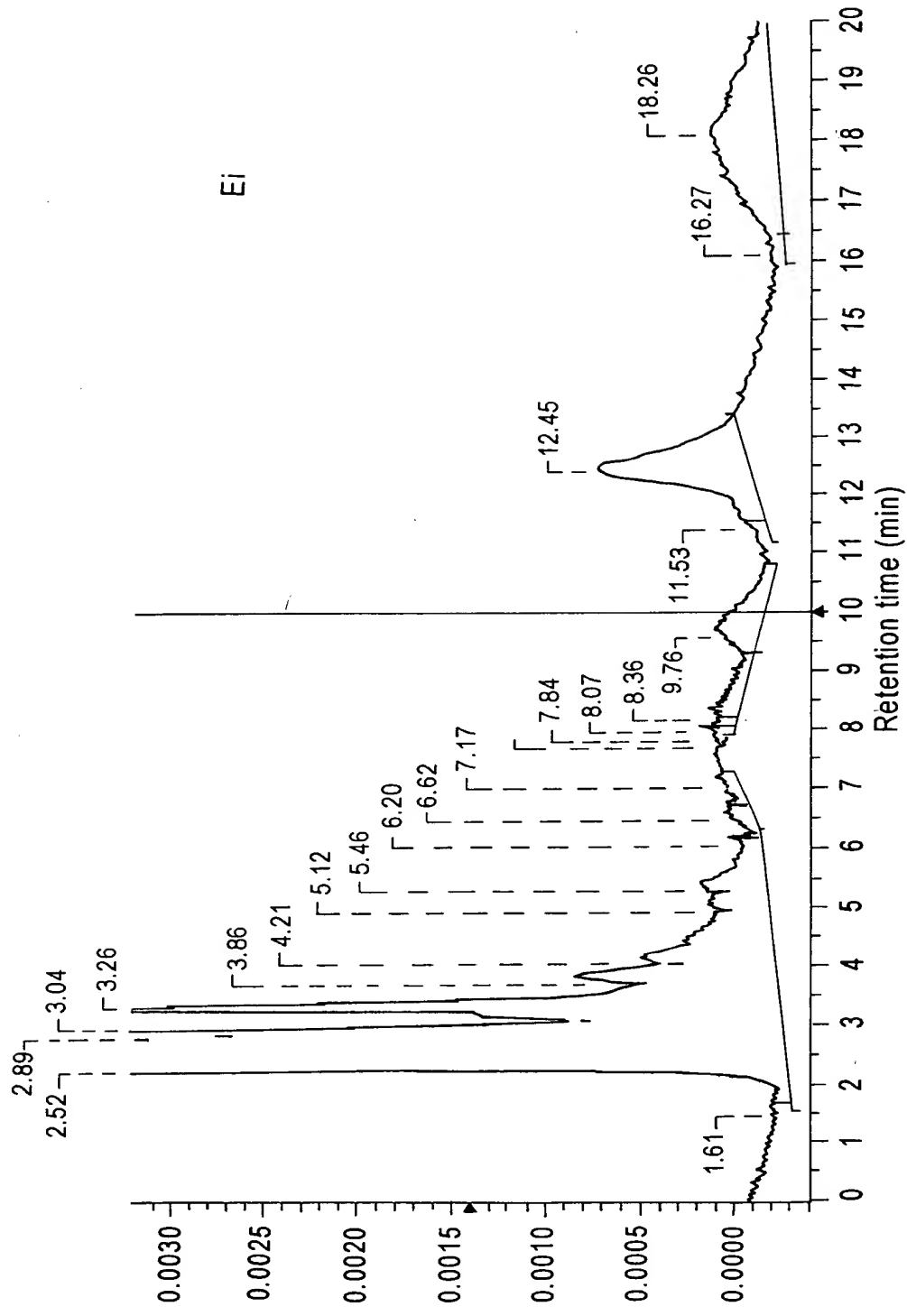


FIG. 7

ser. 09/824,590

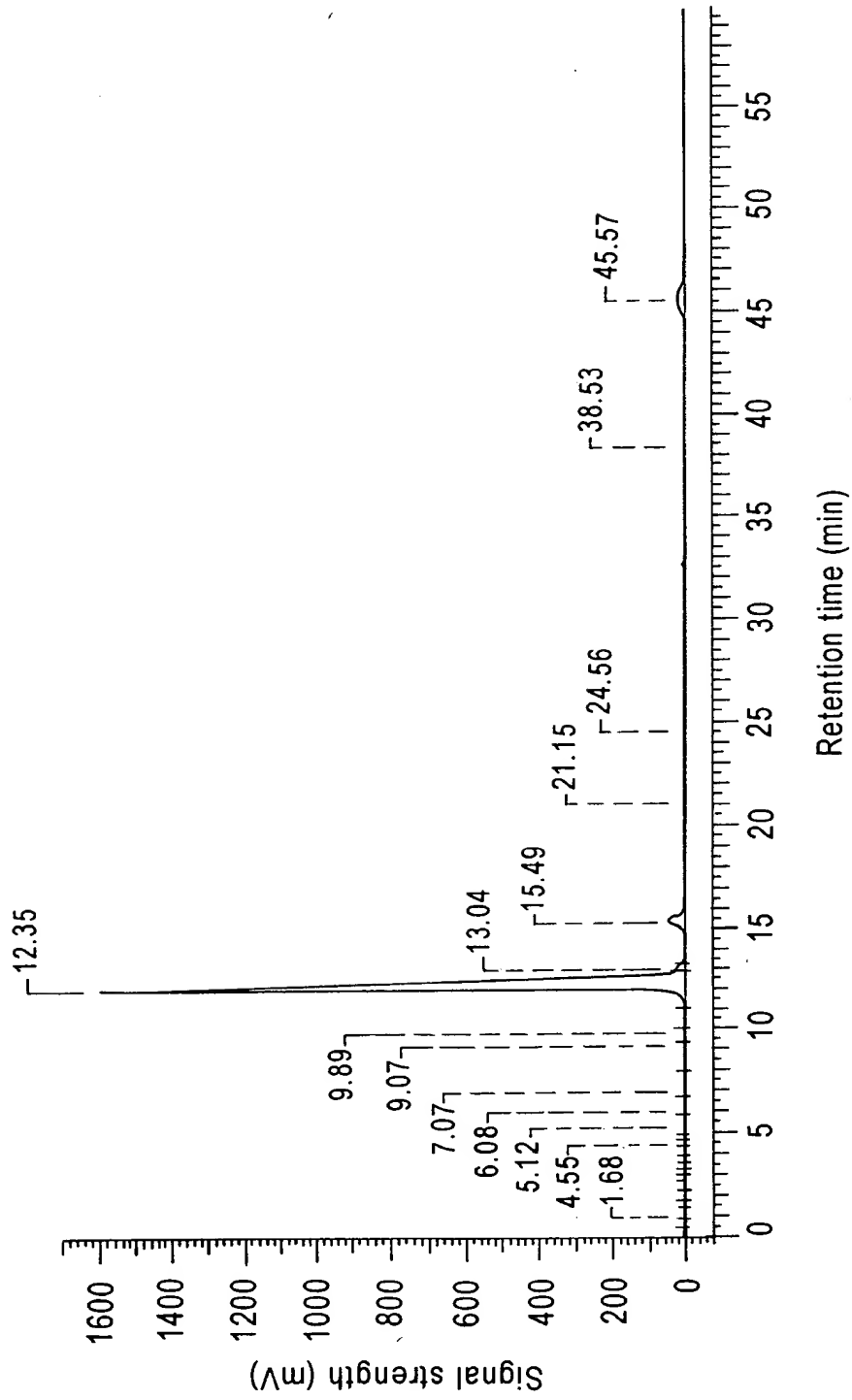


FIG. 8

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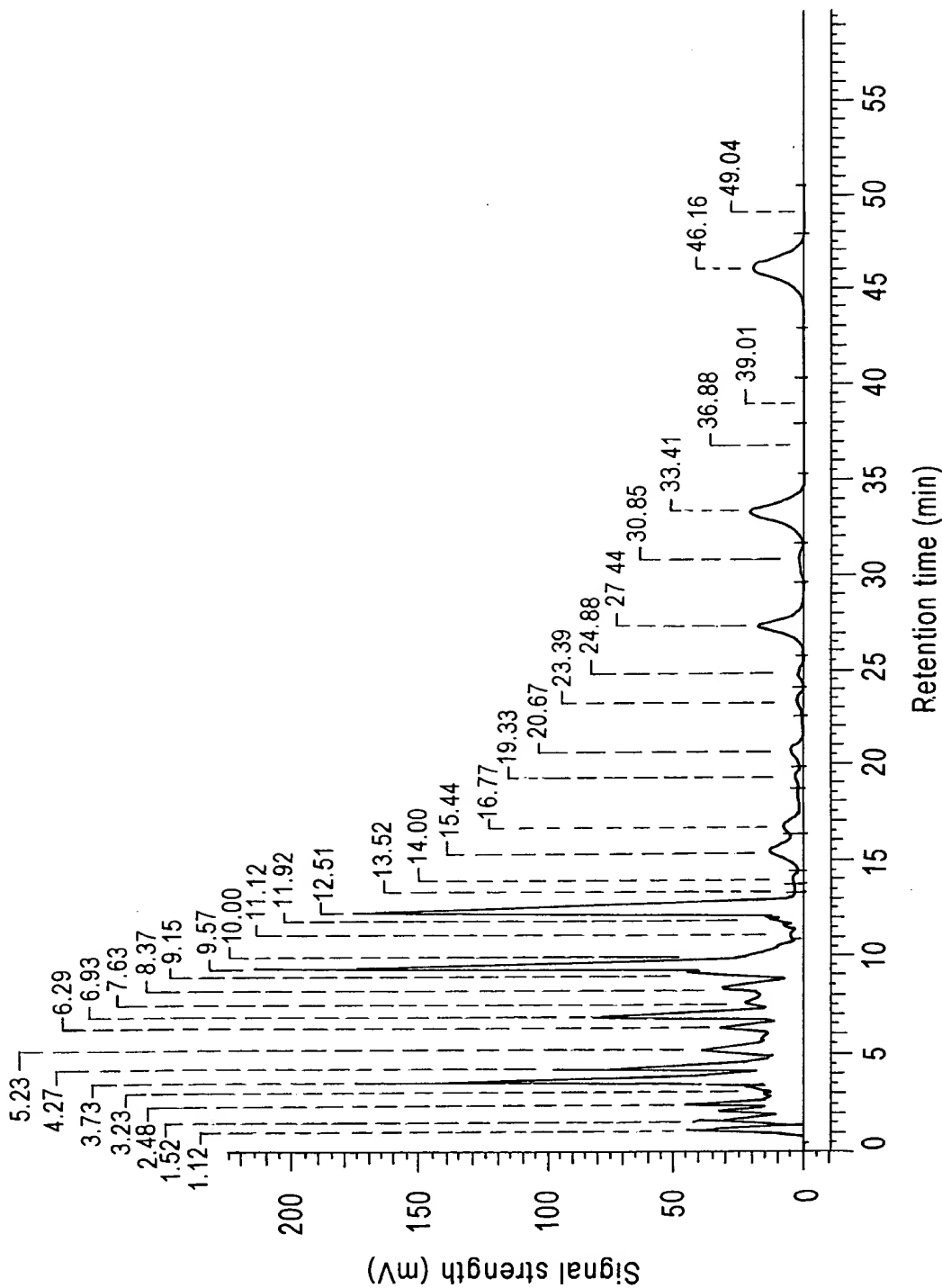


FIG. 9

ser. 09/824,590

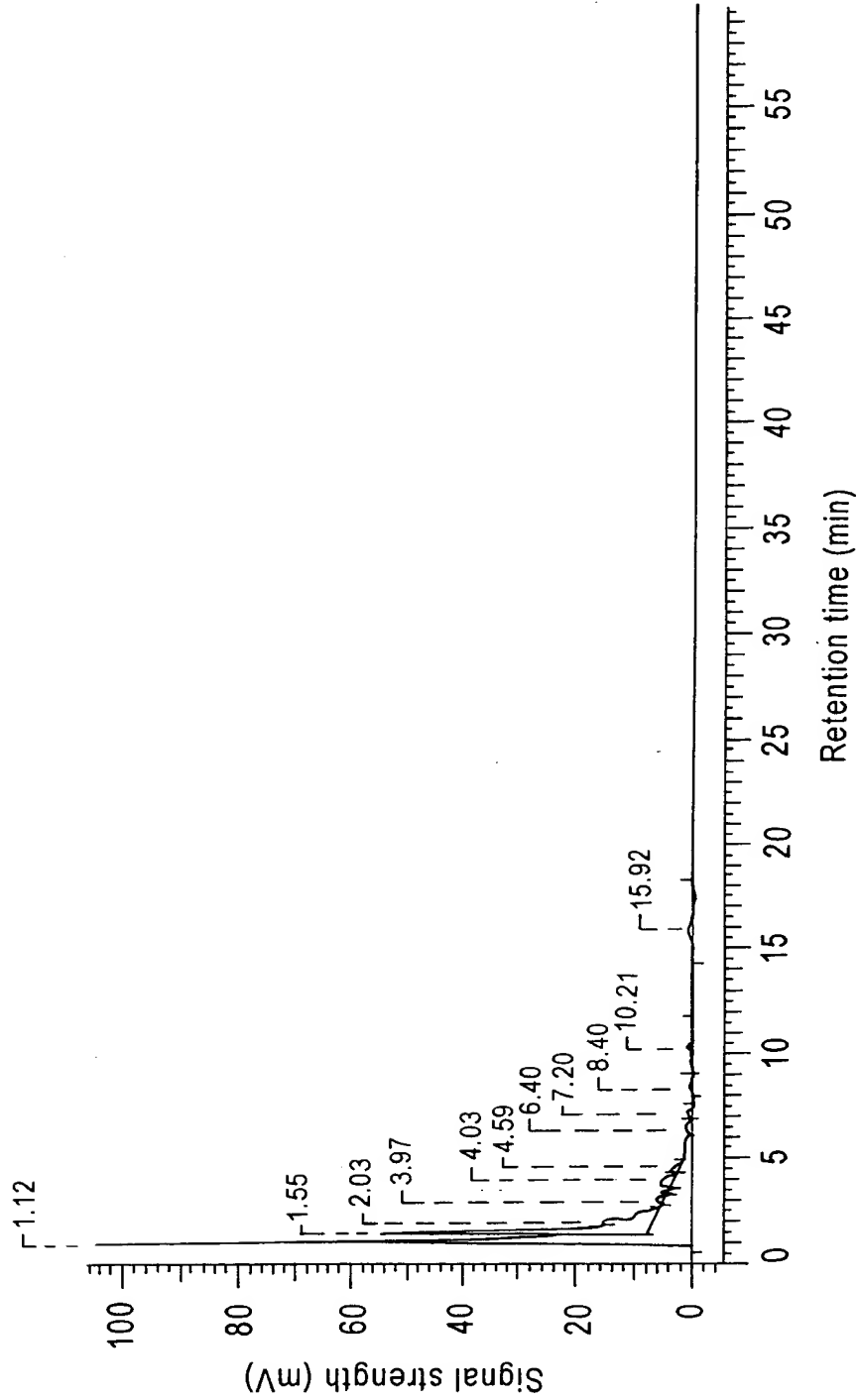
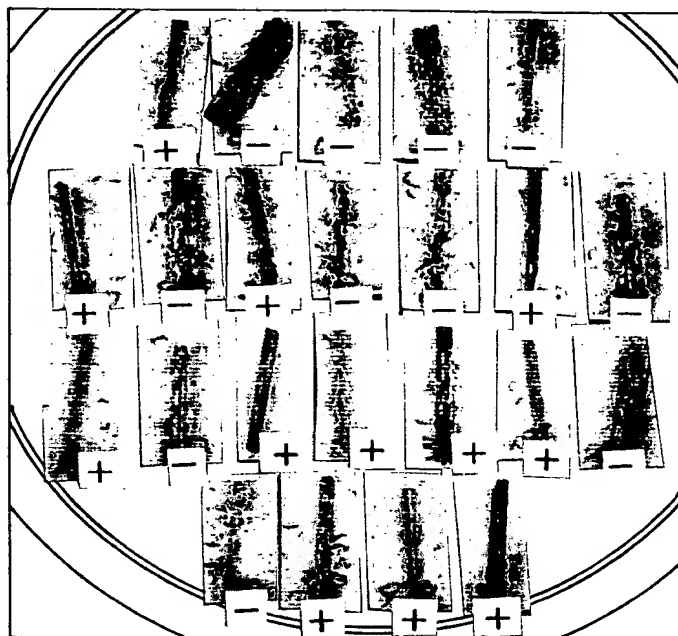
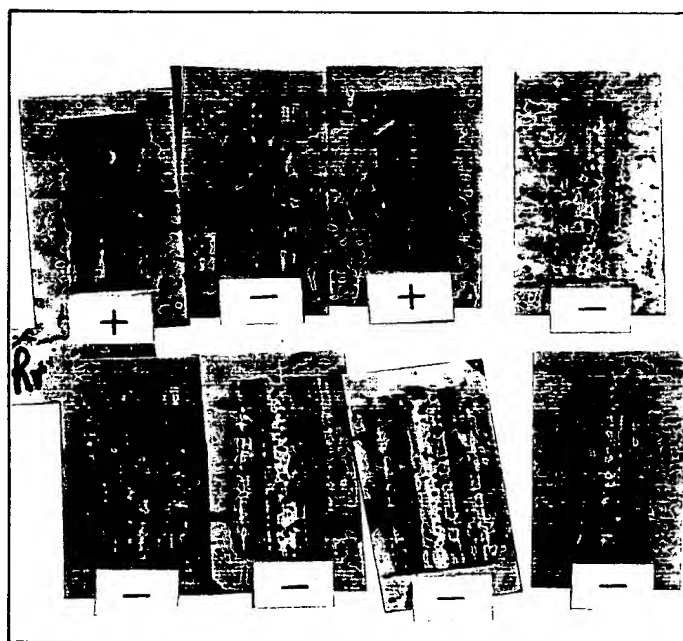


FIG. 10



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

FIG. 11



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

FIG. 12

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